



**September 12, 2012**

1516 Ninth Street  
Hearing Room A – First Floor  
Sacramento, California 95814  
**1 p.m.**  
(Wheelchair Accessible)

**THE COMMISSION WILL CONSIDER THE FOLLOWING ITEMS:**

1. **CONSENT CALENDAR.** (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)
  - a. **ASPEN ENVIRONMENTAL GROUP.** Possible approval of Amendment 1 to Contract 800-10-001 with Aspen Environmental Group for a 12 month, no-cost time extension, and to update the terms and conditions of the agreement. The contract provides technical support to the Electricity Supply Analysis Division. The proposed amendment will not affect the scope of work or the overall budget amount. (ERPA funding.) Contact: Paul Deaver.
  - b. **ARIZONA GEOLOGICAL SURVEY.** Possible approval of Amendment 1 to Contract 500-10-024 with the Arizona Geological Survey for a 12 month, no-cost time extension, and to update the terms and conditions of the agreement. The contract is part of the Energy Commission-managed Department of Energy (DOE) West Coast Regional Carbon Sequestration Partnership (WESTCARB) and is fully funded with federal DOE funds. The Arizona Geological Survey will provide a comprehensive evaluation and data on the potential regional carbon dioxide storage capabilities that is required for the DOE biennial Carbon Sequestration Atlas of the United States. Additional time is needed to complete modeling for the 10 basins being assessed under this agreement because of delays with approval of Phase III of WESTCARB. (Federal WESTCARB funding.) Contact: Pilar Magana.
  - c. **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.** Possible approval of Amendment 1 to Contract 500-10-044 with the Regents of the University of California for a no-cost extension of the contract by 12 months to January 1, 2014, and to update the terms and conditions of the agreement. The time extension is needed to complete manufacturing and demonstration of natural gas pipeline inspection and monitoring technologies. (PIER natural gas funding.) Contact: Johann Karkheck.
  - d. **SATCON TECHNOLOGY CORPORATION.** Possible approval of Amendment 1 to Contract 500-10-062 with Satcon Technology Corporation to authorize funding of Phase II of the project, approve a new host site, re-allocate funds between tasks in the budget, make minor technical modifications to the scope of work, add a

minor subcontractor, and to update the terms and conditions of the contract. There is no change in the Energy Commission's total funding amount. (PIER electric funding.) Contact: John Hingtgen.

- e. TERRALOG TECHNOLOGIES. Possible approval of Amendment 1 to Agreement PIR-10-062 with Terralog Technologies for a 12-month, no-cost time extension. This extension is needed because Terralog's Department of Energy (DOE) American Recovery and Reinvestment Act (ARRA) award and final report due dates were extended beyond the term of the current Energy Commission agreement. Extending the agreement will allow the Energy Commission to receive all reports from the Terralog ARRA project in addition to the Energy Commission final report. (PIER electricity funding.) Contact: Cheryl Closson.
- f. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Amendment 2 to Agreement PNG-07-004 with Lawrence Berkeley National Laboratory for a 12 month, no-cost time extension, change in host site for testing microturbine using digester gas, and to shift remaining development and demonstration work to the existing subcontractor, UC Irvine Combustion Laboratory. (PIER natural gas funding.) Contact Prab Sethi.
- g. CALIFORNIA REPORTING, LLC. Possible approval of Contract 180-12-001 for \$210,000 with California Reporting, LLC, for hearing reporter services for Energy Commission Business Meetings, other hearings, and workshops for three years. Reporting services provide a record of the Energy Commission's public meetings, as required by law. The contract will be executed under the Department of General Services Master Services Agreement (MSA) 5-12-99-01. (ERPA funding.) Contact: Harriet Kallemeyn.
- h. L'MONTE INFORMATION SERVICES. Possible approval of Amendment 1 to Contract 500-08-035 with L'Monte Information Services for a five month, no-cost time extension to March 31, 2013, and to update the terms and conditions of the contract. This agreement will result in the development of the Building Energy Standards Modeler (BESM) software. This software will integrate with the Energy Commission's open source software project and enable users to develop, modify and evaluate performance-based building design rules for use in future Standards development. (PIER electricity funding.) Contact: Martha Brook.
- i. DATAONE SOFTWARE. Possible approval of Purchase Order 12-445.01-002 for \$14,300 for DataOne software that allows users to look up vehicle manufacturer, make, model, and attributes such as fuel economy and passenger volume by Vehicle Identification Number. This software will assist staff in the transition of Department of Motor Vehicles (DMV) data analysis to an in-house process by automating the process of classifying the DMV database. (ERPA funding.) Contact: Laura Lawson.
- j. CITY OF FRESNO. Possible approval of Amendment 3 to Contract 400-09-032 with the City of Fresno to shift funds up to \$50,000 between tasks without changes to the overall budget. (EECBG funding.) Contact: JennyWu.
- k. CLEAN WORLD PARTNERS LLC. Possible approval of a change to Agreement ARV-11-021 with Clean World Partners LLC (CWP) to clarify the Statement of Work and Budget approved June 13, 2012, so that CWP may develop infrastructure and buy equipment for Phase 1 and 2 activities at CWP's

Sacramento Bio-Refinery project. The grant amount of \$6 million remains the same. (ARFVTP funding.) Contact: Shahid Chaudhry.

2. ENERGY COMMISSION COMMITTEE APPOINTMENTS. Possible approval of appointments to the Energy Commission's Standing Committees and Siting Case Committees. Contact: Kevin Barker.
3. EL SEGUNDO POWER REDEVELOPMENT PROJECT COMPLAINT (12-CAI-03). Consideration of, and possible decision regarding, a complaint filed under Title 20, California Code of Regulations, section 1237, by Michelle Murphy and Bob Perkins. The complaint alleges various failures to comply with the Commission Decision (00-AFC-14). The Commission will consider whether to dismiss the complaint; issue a written decision on the complaint with or without a hearing held during this meeting, or at a later meeting; or refer the matter to a committee for decision. The Commission may also consider extending the deadlines set forth in section 1237 and any pending motions relating to the complaint, such as petitions to intervene.

The El Segundo Power Redevelopment Project is a combined cycle electrical power plant facility with a generating capacity of 560 megawatts located in the city of El Segundo in Los Angeles County. Contact: Paul Kramer. (60 minutes)

4. PIO PICO ENERGY CENTER (11-AFC-01). Possible adoption of the presiding member's proposed decision on the Pio Pico Energy Center, and possible errata. Pio Pico is a nominally rated 300 megawatt peaking and load following power plant using three natural gas-fired combustion turbine generators. The project site is adjacent to the existing Otay Mesa Generating Project and is comprised of a 10-acre parcel of disturbed and development-prepared land within an industrial area. The site is located in the unincorporated area of San Diego County known as Otay Mesa. Contact: Raoul Renaud. (20 minutes)
5. CANYON POWER PROJECT (07-AFC-9C). Possible approval of the petition to amend the California Energy Commission Decision to increase the carbon monoxide (CO) startup limit specified in Condition of Certification AQ-2 from 6.3 pounds per hour (lb/hr) to 11.6 lb/hr. The change is needed because actual CO startup emissions occasionally exceed the level anticipated during permitting. The higher emission rate has been evaluated by staff who determined that the facility will still comply with all applicable air quality regulations and ambient air quality standards. Contact: Dale Rundquist. (10 minutes)
6. CLEAN ENERGY BUSINESS FINANCING PROGRAM. Possible approval of an Energy Commission resolution directing the Executive Director to provide written consent for requests from Clean Energy Business Financing Program borrowers to acquire additional debt if approval of the request is recommended by the designated financial advisor for the loan. Contact: Jacob Orenberg. (5 minutes)
7. NEW SOLAR HOMES PARTNERSHIP GUIDEBOOK. Possible adoption of proposed revisions to the *New Solar Homes Partnership Guidebook*. The *Guidebook* describes the requirements for participating in NSHP and receiving incentives for installing eligible solar energy systems on new residential construction located in specified investor-owned utility territories. Contact: Le-Quyen Nguyen. (5 minutes)
8. BUSINESS ADVANTAGE CONSULTING, INC. Possible approval of Purchase Order 12-409.00-002 for \$183,480 to Business Advantage Consulting to evaluate the current operations of the Renewables Portfolio Standard program and develop a feasibility study report and an information technology procurement plan to improve existing business

- operations, accommodate new requirements, and allow for expansion. (ERPA funding.) Contact: James Haile. (5 minutes)
9. **ALTERNATIVE AND RENEWABLE FUEL VEHICLE BUY-DOWN INCENTIVES.** Possible approval of a total of \$78,000 in vehicle buy-down incentive reservations for Galpin Motors, Inc., (OEM – Ford Motor Company, BDIR-12-05) for the buy-down of 13 propane gas vehicles of 8,501 to 14,000 pounds gross vehicle weight. (ARFVT funding.) Contact: Andre Freeman. (5 minutes)
  10. **SOUTHERN CALIFORNIA GAS COMPANY.** Possible approval of Agreement ARV-12-004 for a grant of \$216,000 to Southern California Gas Company to design, construct, and operate a compressed natural gas (CNG) fueling station at its existing Lancaster facility. The fueling station will be accessible to 37 CNG fleet vehicles and the public. It will operate 24 hours a day, 7 days per week. SoCalGas will contribute \$650,000 in match funds. (ARFVT funding.) Contact: Isaiah Larsen. (5 minutes)
  11. **CR&R INCORPORATED.** Possible approval of Agreement ARV-12-005 for a grant of \$300,000 to CR&R Incorporated to construct, own, and operate a slow-fill compressed natural gas (CNG) refueling station at its existing Material Recovery and Transfer Station in the city of Perris. The CNG station will be accessible to 25 CNG fleet vehicles, including solid waste disposal trucks and street sweepers. CR&R will contribute \$831,140 in match funds for this project. CR&R plans to convert its remaining 100 diesel fleet vehicles to CNG by 2020. (ARFVT funding.) Contact: Isaiah Larsen. (5 minutes)
  12. **SCOTT VALLEY UNIFIED SCHOOL DISTRICT.** Possible approval of Agreement 001-12-ECF for a \$380,000 loan to the Scott Valley Unified School District to install energy efficient interior lights, lighting controls, and a photovoltaic (PV) system totaling 180 kilowatts. The total project cost is \$1,236,273. In addition to the loan, Scott Valley USD will finance these projects using Pacific Power rebates and a municipal lease. The lighting and PV projects are expected to reduce 345,615 kilowatt hours of electricity use annually, reducing annual energy costs by \$36,602, resulting in a simple payback of 10.38 years and are expected to reduce annual carbon dioxide emissions by over 119 tons. (ECAA program funding.) Contact: Elizabeth Shirakh. (5 minutes)
  13. **Information Item:** Presentation of the 2012 Bioenergy Action Plan. The Bioenergy Interagency Working Group, as directed by the Governor's office, updated the objectives, goals, and actions of the 2011 Bioenergy Action Plan to reflect Governor Brown's commitment to the development of distributed renewable energy technologies and green energy jobs. The 2012 Plan is a comprehensive action plan that addresses the barriers to developing new bioenergy technologies throughout the state. Contact: Garry O'Neill
  14. **Minutes:** Possible approval of the August 9, 2012, Business Meeting Minutes.
  15. **Lead Commissioner or Presiding Member Reports.** A Lead Commissioner on a policy matter may report to the Commission on the matter and discussion may follow. A Presiding Member on a delegated committee may report to the Commission on the matter and discussion may follow.
  16. **Chief Counsel's Report:** The Energy Commission may adjourn to closed session with its legal counsel [Government Code Section 11126(e)] to discuss any of the following matters to which the Energy Commission is a party:
    - a. *In the Matter of U.S. Department of Energy (High Level Waste Repository), (Atomic Safety Licensing Board, CAB-04, 63-001-HLW).*
    - b. *Public Utilities Commission of California (Federal Energy Regulatory Commission, Docket No. EL10-64-000); and Southern California Edison*

*Company, et al.* (Federal Energy Regulatory Commission, Docket No. EL10-66-000).

- c. *BNSF Railway Company v. US Department of Interior, California Energy Commission* (U.S. District Court Central District of California-Riverside, CV 10-10057 SVW (PJWx)).
- d. *Richard Latteri v. Energy Resources, Conservation and Development Commission, et al.* (Sacramento County Superior Court, 34-2011-99985).
- e. *Communities for a Better Environment, Robert Sarvey v. California Public Utilities Commission, Energy Resources Conservation and Development Commission, Real Parties in Interest, Pacific Gas and Electric Company, Contra Costa Generating Station, LLC* (California Supreme Court, S194079).
- f. *Rick Tyler, et al v. Governor of California, Edmund G. Brown, Jr., et al.* (Alameda County Superior Court, RG12619687).
- g. *California Unions for Reliable Energy v. Energy Resources Conservation and Development Commission, Real Parties in Interest Ormat Nevada, Inc., ORNI 18 LLC, and ORNI 19 LLC* (Alameda County Superior Court, RG 12610669).
- h. *Asphalt Roofing Manufacturers Association v. California Energy Commission* (Sacramento County Superior Court, #34-2012-80001195).
- i. *City of Carlsbad v. Energy Resources Conservation and Development Commission (Carlsbad Energy Center, Real Party in Interest)* (California Supreme Court, S203634).
- j. *In re Town of Mammoth Lakes*, (United States Bankruptcy Court for the Eastern District of California), Case No. 2012-32463).

The Energy Commission may also discuss any judicial or administrative proceeding that was formally initiated after this agenda was published; or determine whether facts and circumstances exist that warrant the initiation of litigation; or that constitute a significant exposure to litigation against the Commission.

17. **Executive Director's Report.**

18. **Public Adviser's Report.**

19. **Public Comment:** People may speak up to five minutes at the discretion of the chair on any matter concerning the Energy Commission, with the exception of items appearing elsewhere on this agenda or items related to pending adjudicative (certification or enforcement) proceedings.

If you require special accommodations, contact Lourdes Quiroz at 916-654-5146, five days before the meeting.

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**Adjournment of Hearings and Meetings:** Depending upon time available and the orderly management of proceedings, the Commission may order adjournment (recess or postponement) of any noticed hearing or meeting, to be continued to the next day, another specific date or time, or to the next business meeting, as appropriate. Any such adjournment will be noticed at the time the order of adjournment is made (Government Code §§11128.5, 11129).